Amendments to the Claims:

10. (Previously amended) A method of processing signals for a communication system, comprising the steps of:

receiving an input signal from at least one of a plurality of antennas;

measuring the input signal;

producing an output signal corresponding to the measured input signal;

comparing the output signal to a first reference signal;

producing a first control signal in response to the step of comparing when the output signal has a value greater than a value of the first reference signal;

comparing the output signal to a second reference signal; and

producing a second control signal in response to the step of comparing when the output signal has a value greater than a value of the second reference signal.

11. (Original) A method as in claim 10, further comprising the step of producing a third control signal in response to the step of comparing when the output signal has a value between the value of the first reference signal and the value of the second reference signal.

12. (Original) A method as in claim 10, further comprising the steps of:

producing a plurality of channel estimates in response to one of the first control signal and the second control signal; and

producing less than the plurality of channel estimates in response to the other of the first control signal and the second control signal.